

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Cancelled) A medical device comprising:
an implantable structure; and
a histone deacetylase inhibitor, in therapeutic dosages,
releasably affixed to the implantable structure for the treatment of
restenosis following vascular injury.
2. (Cancelled) The medical device according to Claim 1,
wherein the implantable structure comprises a stent.
3. (Cancelled) The medical device according to Claim 1,
wherein the implantable structure comprises a stent-graft.
4. (Cancelled) The medical device according to Claim 1,
wherein the histone deacetylase inhibitor comprises trichostatin A.
5. (Cancelled) The medical device according to Claim 1,
further comprising a polymeric coating, the histone deacetylase
inhibitor being incorporated into the polymeric coating.
6. (Currently Amended) A medical device comprising:
an implantable structure;
~~a histone deacetylase inhibitor~~ trichostatin A, in
thereapeutic dosages, releasably affixed to the implantable structure
for the treatment of restenosis following vascular injury, the ~~histone~~

~~deacetylase inhibitor~~ trichostatin A being incorporated into a basecoat polymeric material, the concentration of trichostatin A being in the range of about 5 nano molar to about 100 nano molar;

~~an anti-proliferative~~ rapamycin, in therapeutic dosages, releasably affixed to the implantable structure for the treatment of restenosis following vascular injury, the ~~anti-proliferative~~ rapamycin being incorporated into the basecoat polymeric material; and

a topcoat polymeric material affixed to the basecoat polymeric material to control the elution rate of the ~~histone deacetylase inhibitor~~ and the ~~anti-proliferative~~ rapamycin, the topcoat polymeric material and the basecoat polymeric material being immiscible polymeric materials, wherein the basecoat polymeric material includes a sixty/fifty weight ratio of VDF:HFP and the topcoat comprises a four hundred ninety microgram BMA layer.

7. (Original) The medical device according to Claim 6, wherein the implantable structure comprises a stent.

8. (Original) The medical device according to Claim 6, wherein the implantable structure comprises a stent-graft.

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)